

60G

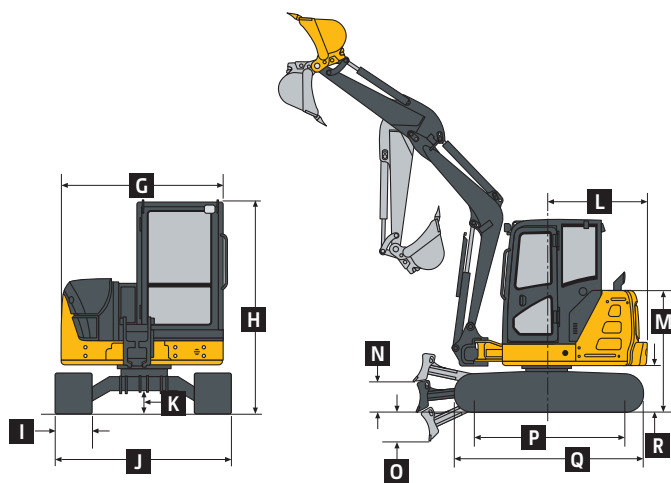
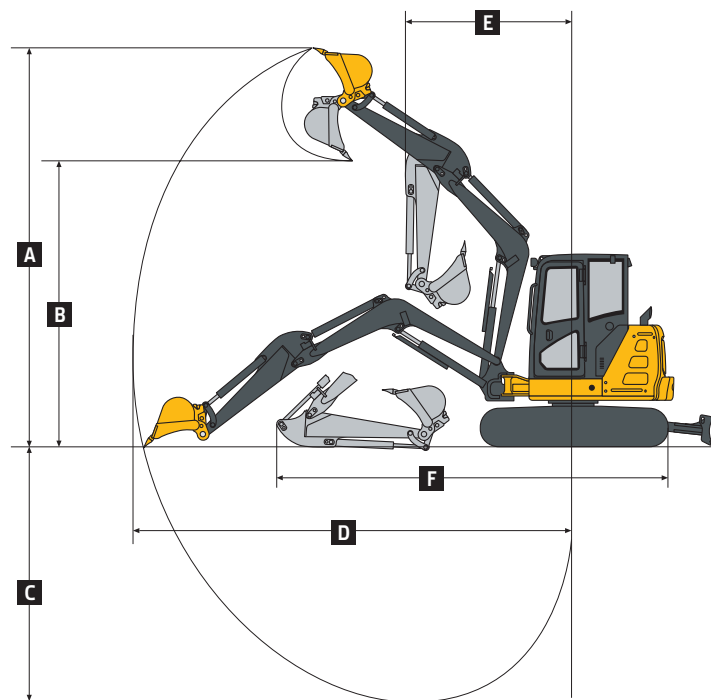


Engine		60G			
Manufacturer and Model	Yanmar 4TNV98C				
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV				
Displacement	3.3 L (203 cu. in.)				
Net Power (ISO 9249)	39.6 kW (53 hp) at 2,000 rpm				
Powertrain					
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear-reduction box					
Maximum Travel Speed					
Low	2.9 km/h (1.8 mph)				
High	4.8 km/h (3.0 mph)				
Hydraulics					
Closed-center load sensing					
Main Pumps		1 variable-displacement pump			
Pump Flow	144 L/m (38.0 gpm)				
Auxiliary Flow	92 L/m (24.2 gpm)				
Controls	Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions				
Electrical					
Alternator Rating	55 amp				
Work Lights	2 halogen: 1 mounted on boom and 1 mounted on frame				
Undercarriage					
Track, Rubber	400 mm (16 in.)				
Ground Pressure		1500-mm (4 ft. 11 in.) Standard Arm and Standard Counterweight		1850-mm (6 ft. 1 in.) Long Arm and Extra Counterweight	
With Rubber Track	35 kPa (5.12 psi)		37 kPa (5.37 psi)		
Upperstructure					
Swing Speed	9.5 rpm				
Independent Swing Boom					
Left	80 deg.				
Right	60 deg.				
Swing Brake	Spring applied, hydraulically released, automatic, disc type				
Serviceability					
Refill Capacities					
Fuel Tank	120 L (31.7 gal.)				
Cooling System	7.7 L (8.1 qt.)				
Engine Oil with Filter	11.2 L (11.8 qt.)				
Hydraulic Tank	80 L (21.1 gal.)				
Operating Weights					
	1500-mm (4 ft. 11 in.) Standard Arm, Standard Counterweight, and Rubber Tracks	1500-mm (4 ft. 11 in.) Standard Arm, Standard Counterweight, and Steel Tracks	1850-mm (6 ft. 1 in.) Long Arm, Extra Counterweight, and Rubber Tracks	1850-mm (6 ft. 1 in.) Long Arm, Extra Counterweight, and Steel Tracks	
With 0.22-m ³ (7.8 cu. ft.) Bucket, Full Fuel Tank, and 79-kg (175 lb.) Operator	6145 kg (13,547 lb.)	6245 kg (13,768 lb.)	6443 kg (14,204 lb.)	6543 kg (14,425 lb.)	
Optional Angle Blade	458 kg (1,010 lb.)				
Counterweight					
Standard	745 kg (1,642 lb.)				
Additional	270 kg (595 lb.)				



Operating Dimensions		60G	1500-mm (4 ft. 11 in.) Standard Arm	1850-mm (6 ft. 1 in.) Long Arm
A	Maximum Cutting Height		5.96 m (19 ft. 7 in.)	6.19 m (20 ft. 4 in.)
B	Maximum Dumping Height		4.17 m (13 ft. 8 in.)	4.41 m (14 ft. 6 in.)
C	Maximum Digging Depth		3.77 m (12 ft. 4 in.)	4.12 m (13 ft. 6 in.)
D	Maximum Digging Reach		6.23 m (20 ft. 5 in.)	6.56 m (21 ft. 6 in.)
E	Minimum Front Swing Radius		2.45 m (8 ft. 0 in.)	2.54 m (8 ft. 4 in.)
F	Transport Length		5.76 m (18 ft. 11 in.)	5.90 m (19 ft. 4 in.)
Digging Force (ISO)				
	Arm		31.1 kN (6,989 lb.)	27.0 kN (6,063 lb.)
	Bucket		41.1 kN (9,237 lb.)	41.1 kN (9,237 lb.)

Machine Dimensions		60G
G	Upperstructure Width	2.00 m (6 ft. 7 in.)
H	Overall Height	2.54 m (8 ft. 4 in.)
I	Track Width	400 mm (16 in.)
J	Undercarriage Width	2.00 m (6 ft. 7 in.)
K	Ground Clearance	340 mm (13 in.)
L	Tail Swing Radius	
	With Standard Arm	1.30 m (4 ft. 3 in.)
	With Long Arm and Extra Counterweight	1.41 m (4 ft. 8 in.)
M	Engine Cover Height	1.60 m (5 ft. 3 in.)
N	Maximum Blade Lift Above Ground	460 mm (18 in.)
O	Maximum Blade Drop Below Ground	370 mm (15 in.)
Blade		
	Width	2.00 m (6 ft. 7 in.)
	Height	420 mm (16 in.)
P	Sprocket Center to Idler Center	1.99 m (6 ft. 6 in.)
Q	Track Length	2.50 m (8 ft. 2 in.)
R	Counterweight Clearance	620 mm (24 in.)



Lift Capacities		Standard Counterweight and Rubber Track		Standard Counterweight and Steel Track		Extra Counterweight and Rubber Track		Extra Counterweight and Steel Track	
Ground Level at 3.05-m (10 ft.) Radius		Over Front*	Over Side	Over Front*	Over Side	Over Front*	Over Side	Over Front*	Over Side
Arm	1500-mm (4 ft. 11 in.) Standard	3785 kg (8,345 lb.)	1463 kg (3,225 lb.)	3785 kg (8,345 lb.)	1490 kg (3,284 lb.)	3785 kg (8,345 lb.)	1657 kg (3,652 lb.)	3785 kg (8,345 lb.)	1683 kg (3,711 lb.)
	1850-mm (6 ft. 1 in.) Long	3719 kg (8,198 lb.)	1444 kg (3,184 lb.)	3719 kg (8,198 lb.)	1471 kg (3,243 lb.)	3719 kg (8,198 lb.)	1638 kg (3,612 lb.)	3719 kg (8,198 lb.)	1665 kg (3,671 lb.)

*Blade down (limited by hydraulics).